

FIGURE 1

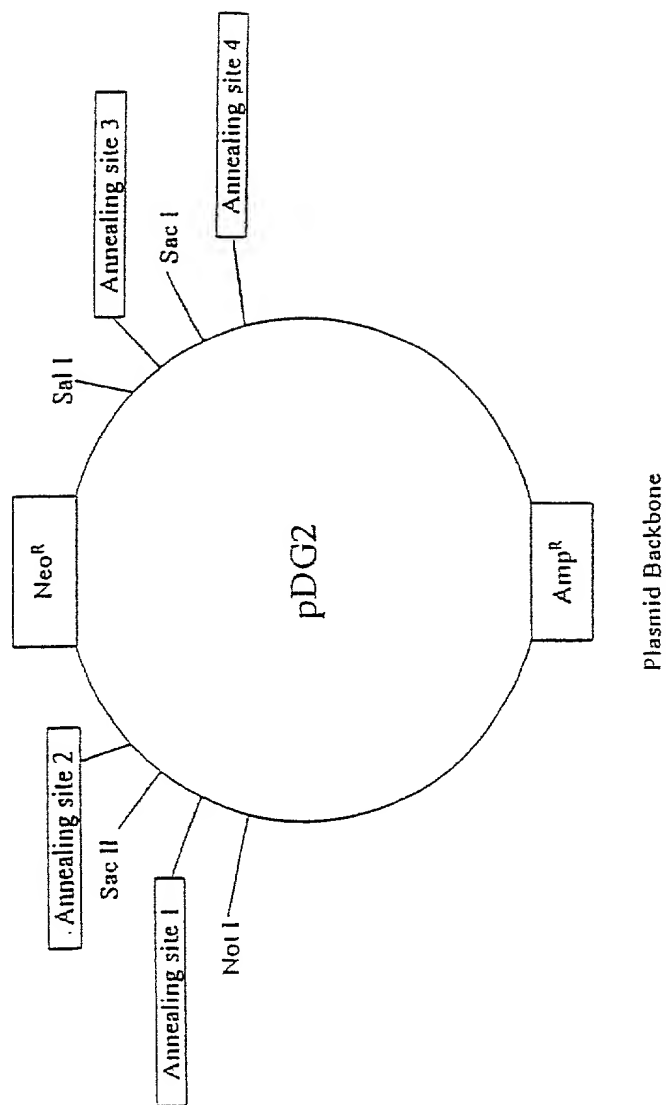


FIGURE 2A

GTTAACTACG TCAGGTGGCA CTTTTCGGGG AAATGTGCGC GGAACCCCTA TTTGTTTTATT TTTCTAAATA CATTCAAATA  
 TGTATCCGCT CATGAGACAA TAACCTGAT AAATGCTTCA ATAATATTGA AAAAGGAAGA GTATGAGTAT TCAACATTTT  
 CGTGTCCGCC TTATTCCTTT TTTTTCGGCA TTTTGCTTTC CTGTTTTTGC TCACCCAGAA ACGCTGGTGA AAGTAAAGAA  
 TGCTGAAGAT CAGTTGGGTG CACGAGTGGG TTACATCGAA CTGGATCTCA ACAGCGGTAA GATCCTTGAG AGTTTTTCGC  
 CCGAAGAACG TTCTCCAATG ATGAGCACTT TTAAGTTCT GCTATGTGGC GCGGTATTAT CCCGTGTGA CGCCGGGCAA  
 GAGCAACTCG GTCGCCGCAT AACTATTCT CAGAATGACT TGGTTGAGTA CTCACAGTC ACAGAAAGC ATCTTACGGA  
 TGGCATGACA GTAAGAGAA TATGCACTGC TGCCATAACC ATGAGTGATA AACTGCGGC CAACTTACTT CTGACACGA  
 TCGGAGGACC GAAGGAGCTA ACCGCTTTTT TGACACACAT GGGGATCAT GTAACTCGCC TTGATCGTTG GGAACCGGAG  
 CTGAATGAAG CCATACCAA CGACGAGCGT GACACACGA TGCTGTAGC AATGGCAACA ACGTTGCGCA AACTATTAAAC  
 TGGCGAAGTA CTTACTCTAG CTTCCCGGCA ACAATTAATA GACTGGATGG AGCGGATAA AGTTGACGGA CCCTTCTGC  
 GCTCGGCCCT TCCGCTGGC TGGTTTATTG CTGATAAATC TGGAGCCGGT GAGCGTGGGT CTCGCGGTAT CATTGCAGCA  
 CTGGGGCCAG ATGGTAAGCC CTCCTGATC GTAGTTATCT ACACGACGGG GAGTCAGGCA ACTATGGATG AACGAAATAG  
 ACAGATCGCT GAGATAGGTG CCTCACTGAT TAAGCATTGG TAACTGTGAC ACCAAGTTTA CTCATATATA CTTTAGATTG  
 ATTTACCCCG GTTGATAATC AGAAAAGCCC CAAAACAGG AAGATTGTAT AAGCAAATAT TTAATTGTGA AACGTTAATA  
 TTTTGTAAAT ATTCGCGTTA AATTTTTGTT AAATCAGCTC ATTTTTTAAC CAATAGGCGG AAATCGGCAA AATCCCTTAT  
 AAATCAAAAG AATAGCCCGA GATAGGGTTG AGTGTGTTTC CAGTTTGGAA CAAGAGTCCA CTATTAAAGA ACGTGGACTC  
 CAACGTCAA GGGCGAAAA CCGTCTATCA GGGCGATGGC CCACTACGTG AACCATCACC CAAATCAAGT TTTTGGGGT  
 CGAGGTGCCG TAAAGCACTA AATCGGAACC GCGCTAGGGC GCTGGCAAAT GTAGCGGTCA CGCTCGCGT AACCCACCA  
 GAAAGGAAGG GAAGAAAGCG AAAGGAGCGG GCGTAAAGG ATCTAGGTGA AGATCCTTTT TGATAATCTC ATGACCAA  
 CCCCGCGCGC TTAATGCGCC GCTACAGGGC GCGTAAAGG ATCTAGGTGA AGATCCTTTT TGATAATCTC ATGACCAA  
 TCCCTTAAAG TGAGTTTTG TCCACTGAG CGTCAGACCC CGTAGAAAAG ATCAAAGGAT CTTCTTGAGA TCCTTTTTTT  
 CTGCGCGTAA TCTGCTGCTT GCAAAACAAA AAACCCAGCG TACCAGCGGT GGTGTTTTG CCGGATCAAG AGCTACCAAC  
 TCTTTTTCCG AAGGTAACTG GCTTCAGCAG AGCGCAGATA CCAAATACTG TTCTTCTAGT GTAGCCGCTAG TTAGGCCACC  
 ACTTCAAGAA CTCTGTAGCA CCGCTACAT ACCTCGCTCT GCTAATCCTG TTACCACTGG CTGCTGCCAG TGGCGATAAG  
 TCGTGTCTTA CCGGGTTGGA CTCAGACGTA TAGTTACCGG ATAAGGCGCA GCGGTGCGGC TGAACGGGGG TCTCGTCAC  
 ACAGCCCGAG TTGGAGCGAA CGACTACAC CGAAGTGA TAGCTACAGC GTGAGCTATG AGAAGCGCGG TCTCGTCAC  
 AAGGGAGAAA GCGGACAGG TATCCGGTAA GCGGCAGGGT CGGAACAGGA GAGCGCACGA GGGAGCTTCC AGGCGGAAAC  
 GCTTGTATC TTTATAGTCC TGTGCGGTTT CGCCACCTCT GACTTGAGCG TCGATTTTTG TGATGCTCGT CAGGGGGGCG  
 GAGCCTATGG AAAAACGCCA GCAACGCGCG CTTTTTACGG TTCTTGGCCT TTTGCTGCTC ATGTAATGTT  
 AGTTAGCTCA CTCATTAGG ACCCCAGGCT TTACACTTTA TGCTTCCGGC TCGTATGTTG TGTGGAATTG TGAGCGGATA  
 ACAATTTTAC ACAGGAAACA GCTATGACCA TGATTACGCC AAGCTACGTA ATACGACTCA CTAGCGGCGC GCGTTTAAAC  
 AATGTGCTCC TCTTTGGCTT GCTTCCGCGG GCGCCCTGTC AGGTCAATTC TACCGGGTAG GGGAGGCGCT TTTCCAAAGG  
 AGCGGCGCGC CGAATTCCTG CAGGATTGCA GGGCCCTGTC CTGGCACTTG GCGCTACACA AGTGGCCTCT GGCCTCGCAC  
 CAGTCTGGAG CATGCGCTTT AGCAGCCCGG CTGCGCCTCT CTTCGCGCCA CCTTCTACTC CTCCCTAGT CAGGAAGTTC  
 TCCACCGGTA GCGCAACCG GCTCCGTTCT TTGGTGGCCC CTTCGCGCCA CCTTCTACTC CTCCCTAGT CAGGAAGTTC  
 CCCCCCGCCC CGCAGCTCGC GTCGTGACAG ACCTGACAAA TGGAGTACG ACCTCTCACT AGTCTCGTGC AGATGGACAG  
 CACCCGCTGAG CAATGGAAGC GGGTAGGCTT TTGGGGCAGC GGCAATAGC AGCTTTGCTC CTTGCTTTC TGGGCTCAGA  
 GGCTGGGAAG GGGTGGGTCC GGGGGCGGCG TCAGGGCGCG GTTCTCCTCT TCCTCATCTC CCGCTTGGGT GGAGAGGCTA  
 GGCATTCTCG CACGCTTCAA AAGCGCAGCT CTGCGCGCT GTTCTCCTCT GGTTCCTCGG CCGCTTGGGT GGAGAGGCTA  
 CAATATGGGA TCGGCCATTG AACAAAGATG ATTGCACGCA GTTCCGCGTG TCAGCGCAGG GCTATCGTGG GCGCGCCGCT  
 ACTGGGCACA ACAGACAATC GGCTGCTCTG ATGCCGCGCT GTTCCGCGTG TCAGCGCAGG GCTATCGTGG GCGCGCCGCT  
 AAGACCGACC TGTCCGGTGC CCTGAATGAA CTGCAGGAGC AGGCAGCGCG GCTATCGTGG TATTGGGCGA AGTGGCGGGG  
 TTGCGCAGCT GTGCTGACG TTGTCACTGA AGCGGGAAGG GACTGGCTGC TATTGGGCGA AGTGGCGGGG CAGGATCTCC  
 TGTCACTCA CCTTGTCTCT GCGGAGAAAG TATCCATCAT GGCTGATGCA ATGCGGCGGC TGACATACGT TGATCCGGCT  
 ACCTGCCCAT TCGACCAACA AGCGAAACAT CGCATCGAGC GAGCACGTAC TCGGATGGAA GCGGCTCTTG TCGATCAGGA  
 TGATCTGGAC GAAGAGCATC AGGGGCTCGC GCCAGCCGAA CTGTTCCGCA GGCTCAAGGC GCGCATGCCC GACGCGCATG  
 ATCTCGTCTG GACCCATGGC GATGCTCTGCT TGCCGAATAT TGCCATAGCT TGGTACCCG TGATATTGCT GAAGAGCTTG GCGGCGAATG  
 GCGCGGCTGG GTGTGGCGGA CCGCTATCAG GACATAGCTG GATTCGAGC GCATCGCCTT CTATCGCCTT CTTGACGAGT  
 TCTTCTGAGG GGATCGATCC GTCCGTGAAG TCTGCAGAAA TTGATGATCT ATTAACAAT AAAGATGTCC ACTAAATGG  
 AAGTTTTTCC TGTCACTATT GTTTAAGAAG GGTGAGAACA GAGTACCTAC ATTTTGAATG GAAGGATTGG AGCTACGGGG  
 GTGGGGGTGG GGTGGGATTA GATAAATGCC TGCTCTTTAC TGAAGGCTCT TTACTATTGC TTTATGATAA TGTTCATAG  
 TTGGATATCA TAATTTAAAC AAGCAAAACC AAATTAAGGG CCAGCTCATT CCTCCCACTC ATGATCTATA GATCTATAGA  
 TCTCTCGTGG GATCATGTGT TTTCTCTTGA TTCCACITTT GTGGTTCTAA GTACTGTGGT TTCCAAATGT GTCAGTTTCA  
 TAGCCTGAAG AACGAGATCA GCAGCCTCTG TTCCACATAC ACTTCATTCT CAGTATTGTT TTGCCAAGTT TGTCCCAT  
 CAGAAGCTGA CTCTAGATCT GGATCCGGCC AGCTAGGCGG TCGACCTCGA GTGATCAGGT ACCAAGGTCC TCGCTCTGTG  
 TCCGTTGAGC TCGACGACAC AGGACACGCA AATTAATTA GCGCGGCGCG TACCCTCTAG TCAAGGCCTT AAGTGAGTGC  
 TATTACGGAC TGGCCGTCTG TTTACAACTG CGTACTGGG AAAACCCCTG CGTTACCCAA CTTAATCGCC TTGCAGCACA  
 TCCCCCTTTC GCCAGCTGGC GTAATAGCGA AGAGGCCCGC ACCGATCGCC CTTCCCAACA GTTGCGCAGC CTGAATGGCG  
 AATGGCGCTT CGCTTGATAA TAAAGCCCGC TTCGCGGGC TTTTTTTT;

FIGURE 2B

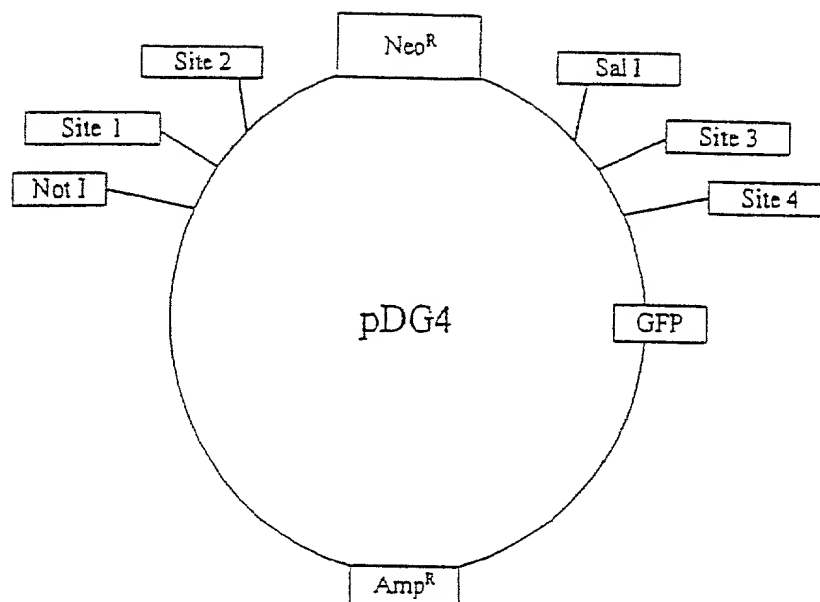


FIGURE 3A

GTTTAATAGT AATCAATTAC GGGGTCATTA GTTCATAGCC CATATATGGA GTTCCGCGTT ACATAACTTA CGGTAAATGG  
 CCCGCTTGGC TGACCGCCCA ACGACCCCGG CCCATTGACG TCAATAATGA CGTATGTTCC CATAGTAACG CCAATAGGGA  
 CTTTCCAATG ACGTCAATGG GTGGAGTATT TACGGTAAAC TGCCCACTTG GCAGTACATC AAGTGTATCA TATGCCAAGT  
 ACGCCCCCTA TTGACGTCAA TGACGGAAAA TGGCCCGCCT GGCATTAAAGC CCAGTACATG ACCTTATGGG ACTTTCTTAC  
 TTGGCAGTAC ATCTACGTAT TAGTCATCGC TATTACCATG GTGATGCGGT TTTGGCAGTA CATCAATGGG CTGGGATAGC  
 GGTTTGACTC ACGGGGATTT CCAAGTCTCC ACCCCATTGA CGTCAATGGG AGTTTGTTTT GGCACCAAAA TCAACGGGAC  
 TTTCCAAAT GTGTAACAA CTCCGCCCA TTGACGCAAA TGGGCGGTAG GCGTGTACGG TGGGAGGTCT ATATAAGCAG  
 AGCTGGTTTA GTGAACCGTC AGATCCGCTA GCGCTACCGG TCGCCACCAT GGTGAGCAAG GCGGAGGAGC TGTTTACCAGG  
 GGTGGTGCCC ATCTGTGTCG AGCTGGACGG CGACGTAAAC GGCCACAAGT TCAGCGTGTG CCGCGAGGGC GAGGGCGATG  
 CCACCTACGG CAAGCTGACC CTGAAGTTCA TCTGCACCAC CGGCAAGCTG CCGTGCCCTT GGCCACCCCT CGTGACCACC  
 CTGACCTACG GCGTGCAGTG CTTAGCCGCG TACCCCGACC ACATGAAGCA GCACGACTTC TTCAGTCCG CCATGCCCGA  
 AGGCTACGTC CAGGAGCGCA CCATCTTCTT CAAGGACGAC GGCAACTACA AGACCCGCGC CGAGGTGAAG TTCGAGGGCG  
 ACACCCTGGT GAACCGCATC GAGCTGAAGG GCATCGACTT CAAGGAGGAC GGCAACATCC TGGGGCACA GCTGGAGTAC  
 AACTACACA GCCACAACGT CTATATCATG GCCGACAAGC AGAAGAACGG CATCAAGGTG AACTTCAAGA TCCGCCACAA  
 CATCGAGGAC GGCAGCGTGC AGCTCGCCGA CCACTACGAC CAGAACACCC CCATCGGCGA CGGCCCGGTG CTGCTGCCCG  
 ACAACCACTA CCTGAGGACC CAGTCCGCCG TGAGCAAGA CCCCACGAG AAGCGCGATC ACATGGTCTT GCTGGAGTTC  
 GTGACCGCCG CCGGGATCAC TCTCGGCATG GACGAGCTGT ACAAGTCCGG ACTCAGATCC ACCGGATCTA GATAACTGAT  
 CATAATCAGC CATACCACAT TTGTAGAGGT TTACTTGTCT TTAATAAACC TCCACACCT CCCCTGAAC CTGAAACATA  
 AAATGAATGC AATTGTTGTT GTTAACCTGT TTATTGCAGC TTATAATGGT TACAAATAAA GCAATAGCAT CACAAATTTT  
 ACAATAAAG CATTTTTTTC ACTGCATTCT AGTTGTGGTT TGTCACAACT CATCAATGTA TCTTAACGCG AACTACGTGT  
 GGTGGCACTT TTCGGGGAAA TGTGCGCGGA ACCCCTATTG GTTTATTTTT CTAAATACAT TCAATATGAT ATCCGCTCAT  
 GAGACAATAA CCTGATAAA TGCTTCAATA ATATTGAAAA AGGAAGAGTA TGAGTATTCA ACATTTCCGT GTGCCCTTCA  
 TTCCTTTTTT TGCGGCATTT TGCCCTTCCTG TTTTGTGCTA CCCAGAAACG CTGGTGAAAG TAAAGATCG TGAAGATCAG  
 TTGGGTGCAC GAGTGGGTGA CATCGAAGTG GATCTAACA GCGGTAAAGT CCTTGAGAGT TTTGCCCGCG AAGAACGTTT  
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 GCCGCATACA CTATTCTCAG AATGACTTGG TTGAGTACTC ACCAGTCACA GAAAAGCATC TTACGGATGG CATGACAGTA  
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 GGAGCTAACG GCTTTTTTGC ACAACATGGG GGATCATGTA ACTCGCCTTG ATCGTTGGGA ACCGGAGCTG AATGAAGCCA  
 TACCAAACGA CGAGCGTGAC ACCACGATGC CTGTAGCAAT GGCAACAACG TTGCGCAAC TATTAACTGG CGAACTACTT  
 ACTCTAGCTT CCCGGCAACA ATTAATAGAC TGGATGGAGG CGGATAAAGT TGCAGGACCA CTTCTGCGCT CGGCCCTTCC  
 GGCTGGCTGG TTTATTGCTG ATAAATCTGG AGCCGGTGAG CGTGGGTCTC GCGGTATCAT TGCAGCACTG GGGCCAGATG  
 GTAAGCCCTC CCGTATCGTA GTTATCTACA CGACGGGAG TCAGGCAACT ATGGATGAAC GAAATAGACA GATCGCTGAG  
 ATAGGTGCCT CACTGATTAA GCATTGGTAA CTGTGAGACC AAGTTTACTC ATATATACTT TAGATTGATT TACCCCGGTT  
 GATAATCAGA AAAGCCCAAA AAACAGGAAG ATTGTATAAG CAAATATTTA AATTGTAAAC GTTAATAATT TGTAAAAAT  
 CGCGTTAAAT TTTTGTAAAA TCAGCTCATT TTTTAAACAA TAGGCCGAAA TCGGCAAAAT CCCTTATAAA TCAAAAGAT  
 AGCCCGAGAT AGGGTTGAGT GTTGTTCAG TTTGGAACAA GAGTCCACTA TTAAGAAGC TGGACTCCAA CGTCAAAGGG  
 CGAAAAACCG TCTATCAGGG CGATGGCCCA CTACGTGAAC CATCACCCAA ATCAAGTTTT TTGGGGTCGA GGTGCGGTAA  
 AGCACTAAAT CGGAACCCCTA AAGGGAGCCC CCGATTTAGA GCTTGACGGG GAAAGCGAAC GTGGCGAGAA AGGAAGGGAA  
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 GTTTTCGTTT CACTGAGCGT CAGACCCCGT AGAAAGATC AAAGGATCTT CTGAGATCC TTTTTCGTC GCGTAAATCT  
 GGTGCTTGCA AACAAAAAAA CCACCGCTAC CAGCGGTGGT TTGTTTCCCG GATCAAGAGC TACCAACTCT TTTTCCGAG  
 GTAACCTGGT TCAGCAGAGC GCAGATACCA AATACTGTTT TTCTAGTGA GCGGTAGTTA GGCCACCACT TCAAGAACTC  
 TGTAGCACCG CCTACATACC TCGCTCTGCT AATCTGTITA CCAGTGGCTG CTGCCAGTGG CGATAAGTCG TGCTTACCG  
 GGTGGACTC AAGACGATAG TTACCGGATA AGGCGCAGCG GTGCGGCTGA ACGGGGGGTT CGTGACACA GCCCAGCTTG  
 GAGCGAACGA CCTACACCGA ACTGAGATAC CTACAGCGTG AGCTATGAGA AAGCGCCACG CTTCCCGAAG GGAGAAAGGC  
 GGACAGGTAT CCGSTAAGCG GCAGGGTCGG AACAGGAGAG CGCACGAGGG AGCTTCCAGG GGGAAACGCC TGTATCTTT  
 ATAGTCTGT CCGGTTTCGC CACCTCTGAC TTGAGCGTCG ATTTTGTGA TGCTCGTCAG GGGGGCGGAG CCTATGGAAG  
 AACGCCAGCA ACGCGGCTT TTTACGGTTC CTGGCCTTTT GCTGGCCTT TGCTCACATG TAATGTGAGT TAGCTCACTC  
 ATTAGGCACC CCAGGCTTTA CACTTTATGC TTCCGGCTCC TATGTTGTGT GGAATTGTGA GCGGATAACA ATTTACACA  
 GGAAACAGCT ATGACCATGA TTACGCCAAG CTACGTAATA CGACTCACTA GCGCGCCGCG TTTAAACAAT GTGCTCCTCT  
 TTGGCTTGCT TCCGCGGGCC AAGCCAGACA AGAACCAAGT GACGTCAAGC TTCCCGGGAC GCGTGCTAGC GCGCGCCGA  
 ATTCTGTCAG GATTGAGGG CCCCTGCAGG TCAATTCTAC CCGGTAGGGG AGGCGCTTTT CCCAAGGCAG TCTGGAGCAT  
 GCGCTTTAGC AGCCCCGCTG GCACTTGGCG CTACACAAGT GGCCTCTGGC CTCGCACACA TTCCACATCC ACCGGTAGCG  
 CCAACCGGCT CCGTCTTTTG GTGGCCCCCT CGCGCCACCT TCTACTCTC CCCTAGTCAG GAAATTCGCC CCGCCCCCGC  
 AGCTCGCTC GTGACGAGC TGACAAATGG AAGTAGCAGC TCTCACTAGT CTCGTGCAGA TGGACAGCAC CGCTGAGCAA  
 TGGAGCGGG TAGGCCTTG GGGCAGCGGC CAATAGCAGC TTTGCTCCTT CGCTTCTGG GCTCAGAGG TGGGAAGGGG

FIGURE 3B1

TGGGTCCGGG GGGGGGCTCA GGGGCGGGCT CAGGGGCGGG GCGGGGCGGA AGGTCTCCG GAGGCCCGGC ATTCTCGCAC  
 GCTTCAAAAG CGCACGTCTG CCGCGCTGTT CTCCTCTTCC TCATCTCCGG GCCTTTCGAC CTGCAGCCAA TATGGGATCG  
 GCCATTGAAC AAGATGGATT GCACGCAGGT TCTCCGGCCG CTTGGGTGGA GAGGCTATTC GGCTATGACT GGGCACAACA  
 GACAATCGGC TGCTCTGATG CCGCCGTGTT CCGGCTGTCA GCGCAGGGGC GCCCGGTTCT TTTTGTCAAG ACCGACCTGT  
 CCGGTGCCCT GAATGAACTG CAGGACGAGG CAGCGCGGCT ATCGTGGCTG GCCACGACGG GCGTTCCTTG CGCAGCTGTG  
 CTCGACGTTG TCACTGAAGC GGAAGGGAC TGGCTGCTAT TGGGCGAAGT GCCGGGGCAG GATCTCCTGT CATCTCACCT  
 TGCTCCTGCC GAGAAAAGTAT CCATCATGGC TGATGCAATG CGGCGGCTGC ATACGCTTGA TCCGGCTACC TGCCCATTCG  
 ACCACCAAGC GAAACATCGC ATCGAGCGAG CACGTACTCG GATGGAAGCC GGTCTGTGCG ATCAGGATGA TCTGGACGAA  
 GAGCATCAGG GGCTCGCGCC AGCCGAAGT TCGCCAGGC TCAAGGCGCG CATGCCCCGAC GGCATGATC TCGTCGTGAC  
 CCATGGCGAT GCCTGCTTGC CGAATATCAT GGTGGAAAAT GGCCGCTTTT CTGGATTCAT CGACTGTGGC CGGCTGGGTG  
 TGGCGGACCG CTATCAGGAC ATAGCGTTGG CTACCCGTGA TATTGCTGAA GAGCTTGGCG GCGAATGGGC TGACCCGCTC  
 CTCGTGCTTT ACGGTATCGC CGCTCCCGAT TCGCAGCGCA TCGCCTTCTA TCGCCTTCTT GACGAGTTCT TCTGAGGGGA  
 TCGATCCGTC CTGTAAGTCT GCAGAAATTG ATGATCTATT AAACAATAAA GATGTCCACT AAAATGGAAG TTTTCTCTGT  
 CATACTTTGT TAAGAAGGGT GAGAACAGAG TACCTACATT TTGAATGGA GGATTGGAGC TACGGGGGTG GGGGTGGGGT  
 GGGATTAGAT AAATGCCTGC TCTTTACTGA AGGCTCTTTA CTATTGCTTT ATGATAATGT TTCATAGTTG GATATCATAA  
 TTTAAACAAG CAAAACCAA TTAAGGGCCA GCTCATTCCCT CCCACTCATG ATCTATAGAT CTATAGATCT CTCGTGGGAT  
 CATTGTTTTT CTCTTGATTG CCACTTTGTG GTTCTAAGTA CTGTGGTTTC CAAATGTGTC AGTTTCATAG CCTGAAGAAC  
 GAGATCAGCA GCCTCTGTTC CACATACACT TCATTCTCAG TATTGTTTTG CCAAGTTCTA ATTCCATCAG AAGCTGACTC  
 TAGATCTGGA TCCGGCCAGC TAGGCCGTCG ACCTCGAGTG ATCAGGTACC AAGGTCTCTG CTCTGTGTCC GTTGAGCTCG  
 ACGACACAGG ACACGCAAA TAATTAAGGC CGGCCCCGTAC CCTCTAGTCA AGGCCTTAAG TGAGTCGTAT TACGGACTGG  
 CCGTCGTTTT ACAACGTCGT GACTGGGAAA ACCCTGGCGT TACCCAACTT AATCGCCTTG CAGCACATCC CCCTTTCGCC  
 AGCTGGCGTA ATAGCGAAGA GGGCCGCACC GATCGCCCTT CCCAACAGTT GCGCAGCCTG AATGGCGAAT GGCCTTCGCC  
 TTGGTAATAA AGCCCGCTTC GGGCGGCTTT TTTTT

FIGURE 3B2

Annealing site	Sequence	Sequence after digestion
1	5' tgtgctcctcttgggttgcttccaa... 3' 3' acacgaggagaaacggaacgaggtt... 5'	5' tgtgctcctcttgggttgcttccaa... 3' 3' tt... 5'
2	5' ctgggttcttgtctgggttggtccaa... 3' 3' gaccaagaacagacggaacgggtt... 5'	5' ctgggttcttgtctgggttggtccaa... 3' 3' tt... 5'
3	5' ggtcctcgctctgtgtccgttgaa... 3' 3' ccaggagcgagacacaggaactt... 5'	5' ggtcctcgctctgtgtccgttgaa... 3' 3' tt... 5'
4	5' ttggcgtgtcctgtgtcgtcgaa... 3' 3' aaacgcacaggagacacagcagctt... 5'	5' ttggcgtgtcctgtgtcgtcgaa... 3' 3' tt... 5'

FIGURE 4

Annealing site	Sequence	Sequence after digestion
1	5' AATgtgctcctctcttggcttgcttccgc 3' 3' Ttacacgaggagaaacccgaacgaagg 5'	5' AA 3' 3' Ttacacgaggagaaacccgaacgaagg 5'
2	5' Aactggttcttctgtctggcttggccgc 3' 3' Ttgaccaagaacagaccgaaccggg 5'	5' AA 3' 3' Ttgaccaagaacagaccgaaccggg 5'
3	5' Aaggtcctcgtctctgtgtccgttgagct 3' 3' Ttccaggagcgagacacaggcaac 5'	5' AA 3' 3' Ttccaggagcgagacacaggcaac 5'
4	5' Aatttgcggtgtcctgtgtcgtcgagct 3' 3' Ttaaacgcacaggaacacagcagc 5'	5' AA 3' 3' Ttaaacgcacaggaacacagcagc 5'

FIGURE 5



FIGURE 6

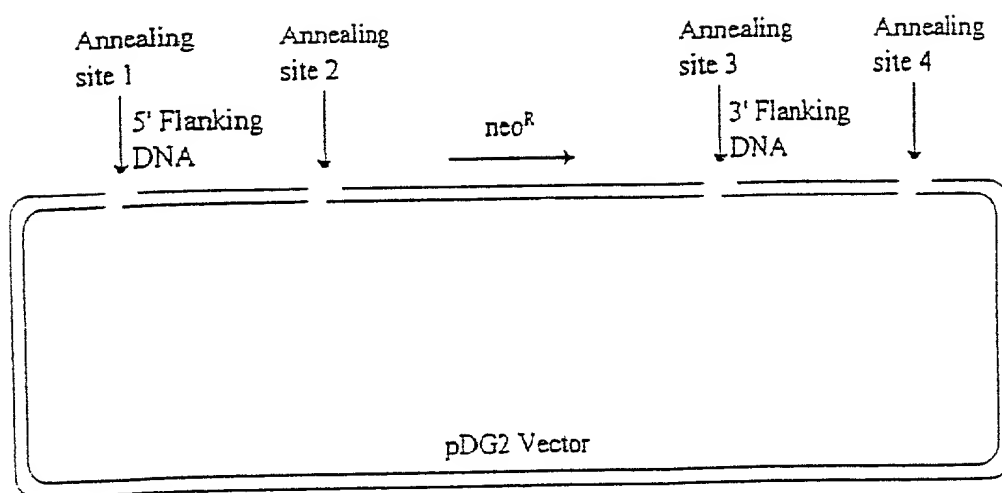
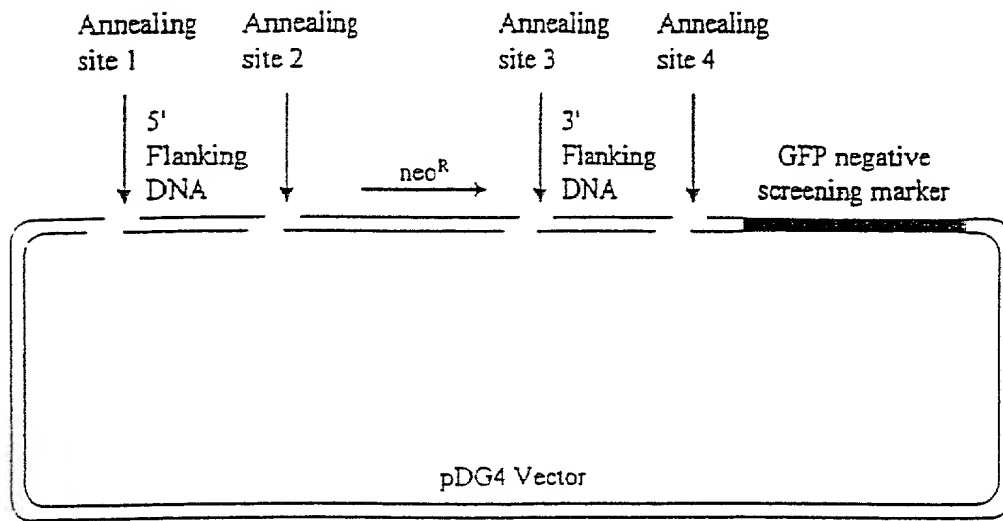


FIGURE 7



11/11

Oligo#	Sequence (5' to 3')
174	ATGACCGCTCAGGAAACCTGTTGCA
180	ATAGGCATAGTAGGCCAGCTTGAGG
454	tgtgctcctctttggcttgcttccAATTAACCCTCACTAAAGGGAACGAAT
463	ctggttcttgtctggcttgcccaaTGCAACAGGTTTCCTGAGCGGTCAT
464	ggtcctcgctctgtgtccgttgaaCCTCAAGCTGGCCTACTATGCCTAT
42	tttgcggtgcctgtgtcgtcgaaCGACTAATACGACTCACTATAGGGCG
151	GCCAATGGACTCTTAGTTTTGGAAC
155	GTTCTGGCAAACAAATTCGGCGCAC
454	tgtgctcctctttggcttgcttccAATTAACCCTCACTAAAGGGAACGAAT
465	ctggttcttgtctggcttgcccaaGTTCCAAACTAAGAGTCCATTGGC
466	ggtcctcgctctgtgtccgttgaaGTGCGCGAATTTGTTTGCCAGAAC
1	GAACCTTGGTGTGCCAAGTTACTTC
2	GAACTTTGGCTGAACCCCTTGTTCT
41	tgtgctcctctttggcttgcttgaCGACTAATACGACTCACTATAGGGCG
38	ctggttcttgtctggcttgcccaaGAAGTAAGTTGGCACACCAAGGTTT
40	ggtcctcgctctgtgtccgttgaaAGAACAAGGGGTTGAGCCAAAGTTC
37	tttgcggtgcctgtgtcgtcgAATTAACCCTCACTAAAGGGAACGAAT
540	ATGCCGGATCTCCTACTACTGGGCC
546	TGTCATAGTAGACAGCGATGGAACG
445	GACAAGAACCAGTTGACGTCAAGCTTCCCGGACGCGTGCTAGCGGCGCGCCG
667	ctggttcttgtctggcttgcccaaGGCCAGTAGTAGGAGATCCGGCAT
668	ggtcctcgctctgtgtccgttgaaCGTTCCATCGCTGTCTACTATGACA
907	ctggttcttgtctggcttgcccaaAAAGCCGACAGCCACGCTCACAAGC
908	ggtcctcgctctgtgtccgttgaaGCCCAATGCCACAGAGACAGAATGT
1157	ctggttcttgtctggcttgcccaaGTTGGATCCTCTCCAAGGCCCATCT
1158	ggtcctcgctctgtgtccgttgaaCTCCAGTGCCGAGTGTGTGGGACAG

Figure 8